

## 380 SIGN MATERIALS

The type of sheeting to be used in any given application should be called out on the project plans. Table 380-1 below lists the sheeting alternatives that are acceptable for each category of signing.

**Use of sign sheeting other than that specified in this section shall require approval by the State Traffic Engineer.**

**Table 380-1. Sign Sheeting Selection by Sign Type or Application**

Sign Type or Application	Sheeting Type					
	I	IV	VI	VIII	IX	XI
Permanent Regulatory, Warning, and Overhead Guide Signs (including sign legends and borders)						X
Information, Ground Mounted Guide, or Marker Signs (including sign legends and borders) <sup>1</sup>					X	X
Permanent Object Markers (including rigid delineators), Guard Rail Markers, and Impact Attenuators					X	X
Flexible Delineators				X	X	X
Temporary Signs (other than with orange backgrounds) <sup>2</sup>		X		X	X	X
Temporary Signs (rigid - with orange backgrounds) <sup>2,3</sup>				X	X	X
Temporary Signs (flexible or roll-up - with orange backgrounds) <sup>2,3</sup>			X			
Temporary Channelizing Devices (barricades, etc.)		X		X	X	X
Adopt A Highway Signs	X	X				X
Specific Service (Logo) Signs	X				X	X
1 County Route Shields for independent mounting (not on a larger guide sign) and M1-102 series scenic road signs may use Type I sheeting. 2 Non-reflective sign backgrounds may be used for temporary signs where the signs may be clearly visible under available natural light. 3 Temporary signs with an orange background shall use fluorescent orange sheeting conforming to Section 1007 of the Standard Specifications and the ADOT Approved Products List, except for signs in Note 2.						

**The designations and requirements for sheeting shall conform to American Society of Testing Materials (ASTM) D4956 Standard Specification for Retroreflective Sheeting for Traffic Control, unless otherwise noted. The ASTM D4956 specification is cited in its entirety by AASHTO M 268.**

**Opaque films shall be acrylic and not vinyl.**

Designers, construction and maintenance personnel should be familiar with the Approved Products List (APL) which is maintained by the Arizona Transportation Research Center (ATRC) since not all colors or types of sheeting products have been approved for use.

Details on direct-applied and demountable copy, as well as other aspects of signs and sign sheeting may be found in Sections 608 and 1007 of the Standard Specifications. All users should be familiar with these parts of the Standards and any revisions that may be issued in Stored Specifications.